

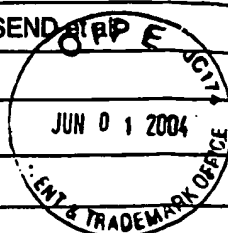
Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/764,451
Filing Date	January 27, 2004
First Named Inventor	Craig A. TOWNSEND
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	62732.000152

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JR	1.	US 4123254	10-31-1978	Iwasaki et al.	
J	2.	US 5530113	06-25-1996	Christ et al.	
J	3.	US 5614551	03-25-1997	Dick et al.	
J	4.	US 5759837	06-02-1998	Kuhajda et al.	
J	5.	US 5981575	11-09-1999	Kuhajda et al.	

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
JR	6.	DE	2630947	02-03-1977	Miyamoto et al.			X
J	7.	DE	2729685	01-05-1978	Iwasaki et al.			X
J	8.	DE	2812542	10-04-1979	Narr et al.			X
J	9.	GB	1557225	12-05-1979	KAO Soap Co Ltd			X
J	10.	WO	95/19706	07-27-1995	Dick et al.			X

NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
JR	11.	2-(dodecanesulfonyl) acetamine, Toxic Substances Control Act Inventory List (1998).		
JR	12.	Baldock C., Rafferty J.B., Sedenikova S.E., Baker P.J., Stuitje A.R., Slabas A.R., Hawkes T.R., Rice D.W. "A mechanism of drug action revealed by structural studies of enoyl reductase," Science, 274:2107-2110, 1996		

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/764,451
				Filing Date	January 27, 2004
				First Named Inventor	Craig A. TOWNSEND et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket Number	62732.000152

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
<i>DE</i>	13.	Banerjee, A., E. Dubnau, A. Quemard, V. Balasubramanian, K.S. Um, T. Wilson, D. Collins, G. deLisle, W.R. Jacobs, Jr., "InhA, a gene encoding a target for isoniazid and ethionamide in Mycobacterium tuberculosis," Science, 263:227-230, 1994		
	14.	Bloch, K., "Control mechanisms for fatty acid synthesis in Mycobacterium smegmatis," Adv. Enzymol. 45:1-84, 1977		
	15.	Brennan, P.J., and Nikaido, H., "The envelope of mycobacteria," Ann. Rev. Biochem., 64:29-63, 1995		
	16.	Cassady D. et al., "Sulfonylureas and related compounds," J. Org. Chem. 23:923-6, 1958		
	17.	Dessen A., A. Quemard, J.S. Blanchard, W.R. Jacobs, and J.C. Saccettini, "Crystal structure and function of the isoniazid target of Mycobacterium tuberculosis," Science, 267: 1638-1641, 1995		
	18.	Georges C. et al., "Chiral sulphur-containing molecules in Langmuir-Blodgett films," J. Chem. Soc. Faraday Trans. I, 84(5):1531-1542, 1988		
	19.	Hardy F. et al., "Vanadium pentoxide-catalyzed oxidation of thio-compounds with hydrogen peroxide," J. Chem. Soc., 17:2334-2336, 1969		
	20.	Janczewski M. et al., "Synthesis of racemic p-methylbenzylsulfinylacetic acid and its resolution into optical antipodes," Ann. Univ. Mariae Curie-Sklodowska, Sect. AA, 33:139-55, 1978		
	21.	Lie M. et al., " ¹ H- and ¹³ C-NMR studies on sulfinyl and sulfonyl derivatives of positional isomers of methyl thialaurate," Chemistry and Physics of Lipids, 61:139-147, 1992		
<i>u</i>	22.	Mdluli, K., D.R. Sherman, M.J. Hickey, B.N. Kreiswirth, S. Monis, C.K. Stover, and C.E. Bay, III, "Biochemical and genetic data suggest that InhA is not the primary target for activated isoniazid in Mycobacterium tuberculosis," J. Infect. Dis., 174:1085-1090, 1996		

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number 10/764,451	
				Filing Date January 27, 2004	
				First Named Inventor Craig A. TOWNSEND et al.	
				Art Unit Unassigned	
				Examiner Name Unassigned	
Sheet	3	of	3	Attorney Docket Number 62732.000152	
NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION		
			YES	NO	
R	23.	Mikolajczyk M. et al., "NMR and structural assignments in α,β -unsaturated sulfoxides using additive increments method," Tetrahedron, 32:969-973 (1976)			
J	24.	Quemard A. et al., "Binding of catalase-peroxidase-activated isoniazid to wild-type and mutant <i>Mycobacterium tuberculosis</i> enoyl-ACP reductases," J. Am. Chem. Soc., 118:1561-1562, 1996			
J	25.	Quemard A. et al., "Enzymatic characterization of the target for isoniazid in <i>Mycobacterium tuberculosis</i> ," Biochemistry, 34(26):8235-8241, 1995			
	26.	Solomons G.T., Organic Chemistry (Fifth Edition) (New York: John Wiley & Sons, Inc.), p. 65 <i>no DATE</i>			
JS	27.	Takayama, K., Wang, L., and David, H.L., "Effect of isoniazid on the in vivo mycolic acid synthesis, cell growth, and viability of <i>Mycobacterium tuberculosis</i> ," Antimicrob. Agents Chemother., 2:29-35, 1972			
JS	28.	Takayama, K., Schnoes, H.K., Armstrong, E.I., and Boyle, R.W., "Site of inhibitory action of isoniazid in the synthesis of mycolic acids in <i>Mycobacterium tuberculosis</i> ," J Lipid Res., 16:308-317, 1975			
JR	29.	Young, D.B., and Duncan, K., "Prospects for new interventions in the treatment and prevention of mycobacterial disease," Ann Rev. Microbiol., 49:641-673, 1995			
EXAMINER SIGNATURE <i>[Signature]</i>			DATE CONSIDERED <i>5/10/05</i>		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					